

What is claimed is:

CLAIMS

1. [Canceled.]
2. A pickup comprising:  
  
an upper coil;  
  
a lower coil;  
  
a non-magnetized planar ferromagnetic plate interposed between said upper and lower coils, said plate having at least one opening; and  
  
a magnetic pole piece extending from the upper coil to the lower coil through said opening in the planar ferromagnetic plate.
3. The pickup of claim 2, wherein said upper coil is wound around an upper bobbin.
4. The pickup of claim 2, wherein said lower coil is wound around a lower bobbin.
5. The pickup of claim 2, wherein the ends of said ferromagnetic plate terminates above the lower coil.
6. The pickup of claim 2, wherein the ferromagnetic plate includes steel.
7. The pickup of claim 2, further including a plurality of magnetic pole pieces extending from the upper coil to the lower coil.
8. The pickup of claim 2, wherein the magnetic pole piece extends above the upper coil.
9. A pickup comprising:  
  
an upper coil;  
  
a lower coil;

a non-magnetized planar ferromagnetic plate interposed between said upper and lower coils, said planar ferromagnetic plate having at least one hole therethrough; and

a magnetic pole piece extending from above the upper coil to below the lower coil through said hole of the planar ferromagnetic plate.

10. The pickup of claim 9, further including an upper bobbin to which the upper coil is wound around, and a lower bobbin to which the lower coil is wound around.

11. The pickup of claim 10, further including ferromagnetic screws for securing said upper bobbin, ferromagnetic plate, and said lower bobbin in a stacked arrangement.

12. The pickup of claim 11, wherein said ferromagnetic screws include steel.

13. The pickup of claim 9, further including at least one ferromagnetic cylinder situated within said upper coil.

14. The pickup of claim 9, further including a plurality of magnetic pole pieces extending from above the upper coil to below the lower coil through respective holes in the planar ferromagnetic plate.

15. The pickup of claim 9, wherein the ferromagnetic plate includes steel.

16. A pickup comprising:

an upper coil;

a lower coil;

a non-magnetized planar ferromagnetic plate interposed between said upper and lower coils, said planar ferromagnetic plate having at least one hole therethrough; and

a magnetic pole piece extending from within the upper coil to within the lower coil through said hole of the planar ferromagnetic plate.

17. The pickup of claim 16, further including an upper bobbin to which the upper coil is wound around, and a lower bobbin to which the lower bobbin is wound around.

18. The pickup of claim 17, further including ferromagnetic screws for securing said upper bobbin, ferromagnetic plate, and said lower bobbin in a stacked arrangement.
19. The pickup of claim 18, wherein said ferromagnetic screws include steel.
20. The pickup of claim 16, further including at least one ferromagnetic cylinder situated within said upper coil.
21. The pickup of claim 16, further including a plurality of magnetic pole pieces extending from above the upper coil to below the lower coil through respective holes of the planar ferromagnetic plate.

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